PTO/SB/05 (08-03)
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

42339-199422 First Inventor Ramesh V. Peri **BRANCH PREDICTION IN A PIPELINED PROCESSOR** 

(Only for new nonprovisional applications under 37 CFR 1.53(b))

					Expres	s Mai	I Label No	).						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.							MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
1. 2.	(Submit an	original, and	m (e.g., PTO l a duplicate fo all entity stat	r fee processing)		7. 8.	L Com	npute de an	r Progran d/or Amir	n <i>(Appeni</i> io Acid S	dix)	arge table or		
3.	X Specifica	tion		[Total Pages	17 ]		a. C	ompu	iter Read	able For	n (Cf	RF)		
	- Descri - Cross - Staten - Refers or a c - Backg - Brief S - Brief E - Detaill - Claim!	iptive title of the Reference to nent Regardirence to seque computer proground of the I Summary of the Coscription of ed Description	Related Appling Fed sponsore listing, a tyram listing application are invention the Drawings n	cations red R & D able, pendix	·	9. 10.	X Assi	tatem CCO ignme CFR 3	CD-ROM nents verification of the control of the con	or CD-R fying iden ING AF rs (cover atement assignee	(2 contity of PPLI shee	opies); or ii. Paper of above copies  CATION PARTS  It & document(s))  Power of Attorney		
4.	X Drawing(	s) (35 U.S.	C. 113)	[Total Sheets	5 1	11.	Eng	lish T	ranslatio	n Docum	ent (	if applicable)		
5.	Oath or Declar	ation		[Total Sheets	2 ]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations								
a. X Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d))  (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTORS Signed statement attached deleting inventor(s) named in the prior application,					13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (If foreign priority is claimed)  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).									
6	<u> </u>	on Data Sh	1.63(d)(2) and eet. See 37	CFR 1.76		17.	Oth	er:		•		//SB/35 or its equivalent.		
F	Continua  Prior applicatio  Or CONTINUATION  The prior Box 5b, is continuation.	wing the title ation in information ION OR DIV	e, or in an Ap Divisional on: Examine VISIONAL A a part of the	Continue  Continue  PPS only: The endisclosure of the relied upon when	eet under 37 ation-in-part (0 atire disclosu accompanyin	CFR CIP) re of t g cont s been	1.76:  of prior aphe prior aphinuation of inadverter	pplica oplica r divi ntly o	Art Unit: tion, fron sional ap mitted fro	n which a	n oat	th or declaration is supplied is hereby incorporated by ted application parts.		
	X Custome	r Number:		2669	94			OR		Соггевро	onde	nce address below		
N	Name													
A	Address													
С	ity	State								Zip Code	9			
С	ountry				Telephone					F	ax			
	Name (Print/	Туре)	Jeffrey V	/. Gluck, Ph.	D.		Registrati	on N	o. (Attom	ey/Agent	)	44,457		
Signature				D.			Date	М	arch 31, 2004					

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CEE TO A NOMITTAL					Complete	e if Known	
FEE TRANSMITTAL		Applic	ation	Numbe	r Not	Yet Assigned	
for FY 2004		Filing	Date		Co	ncurrently Herewith	
		First !	Named	Inven	tor Rai	mesh V. Peri	
Effective 10/01/2003, Patent fees are subject to annual revision.		Exam	iner Na	ame	No	Yet Assigned	
Applicant claims small entity status. See 37 CFR 1.27		Art Ur	nit		N/A	\	
TOTAL AMOUNT OF PAYMENT (\$) 896.00		Attom	ey Doo	ket No	. 423	339-199422	
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATI	ON (continued)	
X Check Credit Money Other None	3. /	ADDITIO	DNAL	FEES			-
Deposit Account:							
Deposit Account.	Larg	e Entity	Small	Entity			
Account 22-0261	Fee	Fee	Fee	Fee	F	ee Description	
Number Deposit	Code	• •	Code	(\$)		·	Fee Paid
Account Venable LLP	1051	130	2051	65	=	e filing fee or oath	
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late sheet.	e provisional filing fee or cover	
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English spe	ecification	
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a reque	st for ex parte reexamination	
Change fac(a) indicated below assessed to the filler for	1804	920*	1804	920*		lication of SIR prior to	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1.840*	Examiner action Requesting pub	lication of SIR after	
FEE CALCULATION	1251		2251	55	Examiner action	n ply within first month	
1. BASIC FILING FEE	1252		2252			ply within second month	
Large Entity Small Entity	1253		2253			ply within third month	
Fee Fee Fee Fee Description Fee Paid	1254		2254			ply within fourth month	
Code (\$)   Code (\$)   1001 770   2001 385   Utility filing fee	1255	•	2255			ply within fifth month	
1002 340 2002 170 Design filing fee	1401		2401		Notice of Appea	• •	
1003 530 2003 265 Plant filing fee	1402		2402			support of an appeal	
1004 770 2004 385 Reissue filing fee	1403		2403		Request for oral		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451			ate a public use proceeding	
SUBTOTAL (4) (1)	1452	110	2452	55	Petition to reviv	e – unavoidable	
SUBTOTAL (1) (\$) 770.00	1453	1,330	2453	665	Petition to revive	e - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee	(or reissue)	
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issue fe	9	
Total Claims 12 -20** =   x   = 0.00	1503	640	2503	320	Plant issue fee		
Independent 4 -3** = 1 x 86.00 = 86.00	1460	130	1460	130	Petitions to the	Commissioner	
Claims 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1807	50	1807	50		under 37 CFR 1.17(q)	
	1806		1806	180	•	nformation Disclosure Stmt	
Large Entity   Small Entity   Fee Fee Fee Fee Fee Description	8021		8021	40		patent assignment per	40.00
Code (\$) Code (\$)			İ		property (times	number of properties)	40.00
1202	1809	770	2809	385	(37 ČFR 1.129(	a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each addition examined (37C)	onal invention to be FR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Cor	ntinued Examination (RCE)	
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for exp of a design app	edited examination lication	
and over original patent	Other	fee (spe	cify)				
SUBTOTAL (2) (\$) 86.00	*Red	luced by	Basic Fi	ling Fee	Paid	SUBTOTAL (3) (\$)	40.00
**or number previously paid, if greater; For Reissues, see above	<u> </u>						
SUBMITTED BY					(0	omplete (if applicable))	

SUBMITTED BY				(Complete	(if applicable))
Name (Print/Type)	Jeffrey W. Gluck, Ph.D.	Registration No. (Attorney/Agent)	4,457	Telephone	(202) 344-4000
Signature	Maria			Date	March 31, 2004
DC2-536039			<del></del>		